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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Hairpin DNA [DNA-1] Standard Size Ab00415-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Mouse IgG1, Fc Silent™, Kappa

Clone Number: DNA-1

Alternative Name(s) of Target:

UniProt Accession Number of Target Protein:

Published Application(s): WB, ELISA

Published Species Reactivity:

Immunogen: Derived from bacteriophage display library of IgG fragments derived from the immunoglobulin repertoire of an autoimmune SLE-like MRL7lpr mouse.

Specificity: Binds to hairpin-ssDNA; the DNA-fragment-ligand used is 5'-d [CTG(CCTT)CAG]-3'.

Application Notes: This antibody binds to single-stranded hairpin DNA, which is a secondary structural feature of DNA relevant in replication, bacterial conjugation or viral infections.

Antibody First Published in: Ou et al. Impact of DNA hairpin folding energetics on antibody-ssDNA association. Journal of Molecular Biology 2007; 374(4)1029-1040 [PMID:18028946](#)

Note on publication: Describes the generation of a monoclonal antibody against hairpin-DNA and subsequent crystallisation.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.